

# 1. PATENT ABSTRACTS OF JAPAN

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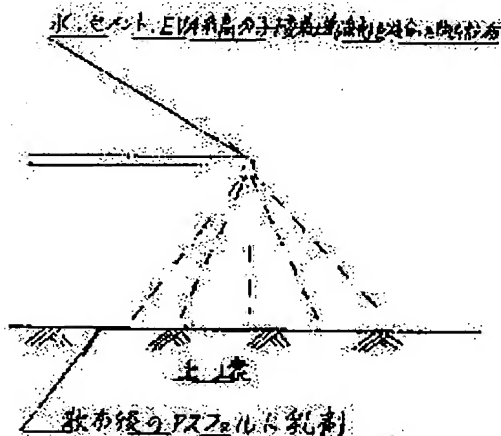
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(54) SOIL IMPROVING NS TOP

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a technique for preventing the instability of soil surface by rain water and the like and furthermore, increasing the strength.

SOLUTION: An asphalt emulsion is sprayed on to soil surface and subsequently, a mixed product of water, cement, and an EVA based polymeric adhesion booster is sprayed thereon. Spraying of the asphalt emulsion onto the surface of soil can prevent the instability of the soil surface by rain water and the like and, in addition, spraying of the mixed product of water, cement, an EVA polymeric adhesion booster increases the strength of the soil surface.



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#### BRIEF DESCRIPTION OF THE DRAWINGS

[Drawing 1] An asphalt emulsion is sprinkled on the front face of soil.

[Drawing 2] ~~After sprinkling~~ an asphalt emulsion, what mixed water, cement, and an EVA system macromolecule adhesion enhancement agent is sprinkled.

#### DETAILED DESCRIPTION

This invention is the method of construction which prevented the instability on the front face of soil by storm sewage etc. by sprinkling an asphalt emulsion on the surface of soil, sprinkled further water, cement, and the object that mixed the EVA system macromolecule adhesion enhancement agent, and carried out the on-the-strength increase in the soil front face.

#### CLAIMS

Claim 1: The soil amelioration method of construction which sprinkled the object which mixed water, cement, and an EVA system macromolecule adhesion enhancement agent after sprinkling an asphalt emulsion on the front face of soil